

POLYACETAL RESINS WITH REDUCED
FORMALDEHYDE ODOR

ABSTRACT OF THE DISCLOSURE

Incorporation of an odor-reducing additive selected from the group consisting of: (i) a low molecular weight primary or
5 secondary amino compound of low volatility, containing at least one amino group and two or more carbon atoms and having a weak basicity of P_{Kb} in the range of 2 – 8; (ii) succinimide; (iii) anthranilic acid; (iv) 4-amino benzoic acid, and mixtures thereof,
into a polyacetal resin to reduce its formaldehyde odor. A
10 combination of the odor-reducing additive with a weak acidic imino was found to have a synergistic effect in further reducing the formaldehyde odor.